## AMENDMENTS TO THE CLAIMS

This listing of Claims shall replace all prior versions, and listings, of claims in the application:

## LISTING OF CLAIMS:

1.    (Currently Amended)  A method for performing smooth search transitions in a digital versatile disc (DVD) ~~DVD~~ system, the method comprising:

   (a) calculating an instantaneous frame rate to produce a calculated instantaneous frame rate;

   (b) adjusting a timestamp of a frame based on the calculated instantaneous frame rate to produce an adjusted timestamp; and

   (c) displaying the frame according to the adjusted timestamp.

2.    (Currently Amended)  The method of ~~claim~~ Claim 1 wherein the calculating further comprises determining a change in rate between a current frame rate and a new frame rate.

3.    (Currently Amended)  The method of ~~claim~~ Claim 2 further comprising determining a transition interval for the change in rate.

4.    (Currently Amended)  The method of ~~claim~~ Claim 3 wherein the transition interval ~~further~~ comprises an interval sufficient to maintain audio and video synchronization.

5.    (Currently Amended)  A digital versatile disc (DVD) ~~DVD~~ player system with smooth search transition capabilities, the system comprising:

   a display device for displaying frames; and

a decoding engine for calculating an instantaneous frame rate to produce a calculated instantaneous frame rate, for adjusting a timestamp of a frame based on the calculated instantaneous frame rate to produce an adjusted timestamp, and for providing the frame to the display device according to the adjusted timestamp.

6.      (Currently Amended)  The DVD player system of ~~claim~~ Claim 5 wherein the decoding engine further determines a change in rate between a current frame rate and a new frame rate.

7.      (Currently Amended)  The DVD player system of ~~claim~~ Claim 6 wherein the decoding engine further determines a transition interval for the change in rate.

8.      (Currently Amended)  The DVD player system of ~~claim~~ Claim 7 wherein the transition interval ~~further~~ comprises an interval sufficient to maintain audio and video synchronization.

9.      (Currently Amended)  The DVD player system of ~~claim~~ Claim 5 ~~wherein the DVD player system~~ further ~~comprises~~ comprising a ~~PC-based~~ DVD player of a personal computer.

10.     (Currently Amended)  A computer readable medium containing program instructions for performing search transitions in a digital versatile disc (DVD) ~~DVD-~~system, the ~~instructions~~ method comprising:
        (a) calculating an instantaneous frame rate to produce a calculated instantaneous frame rate;

(b) adjusting a timestamp of a frame based on the calculated instantaneous frame rate to produce an adjusted timestamp; and

(c) displaying the frame according to the adjusted timestamp.


11.    (Currently Amended)  The computer readable medium of claim Claim 10 wherein the calculating further comprises determining a change in rate between a current frame rate and a new frame rate.


12.    (Currently Amended)  The computer readable medium of claim Claim 11, wherein the method further comprises determining a transition interval for the change in rate.


13.    (Currently Amended)  The computer readable medium of claim Claim 12 wherein the transition interval further comprises an interval sufficient to maintain audio and video synchronization.